

METHOD AND APPARATUS FOR TROUBLESHOOTING PHOTOSENSORS

5 Abstract of the Disclosure

 A method and apparatus for troubleshooting a plurality of photosensors in a machine, such as a mail sorter and mail inserter. The troubleshooting procedure is carried out by a software program. As each photosensor comprises a photo-detector and an associated light emitter for illuminating the photo-detector, the test is based on the output voltage of the photo-
10 detector in response to a current value on the light emitter. Based on the two or more current values set to the light emitter and the corresponding measured output voltage values, the software program determines whether the photosensor is functional. If the photosensor is not functional, possible causes and suggested remedies are provided to the operator of the machine.